

CLAIMS

We claim:

1. A digital camera, comprising:
  - a photoelement array for capturing image data;
  - a memory for saving said image data;
  - a processor in communication with said memory;
  - a display in communication with said processor for exhibiting said image data;
  - and
  - program code stored in said memory and executed by said processor, said program code comprising a delete page module for purging said image data from said memory.
2. The digital camera of claim 1, wherein said program code further comprises:
  - a first code segment for displaying an animation on said display.
3. The digital camera of claim 2, wherein said program code further comprises:
  - a second code segment for displaying a delete confirmation prompt on said display.

1           4.     The digital camera of claim 1, wherein said program code further  
2 comprises:  
3           a third code segment for displaying valid appliance operations on said display  
4           based on a current state and processing any response thereto.

1           5.     The digital camera of claim 1, wherein said delete page module  
2 comprises:  
3           a first code segment for displaying a delete confirmation prompt on said  
4           display; and  
5           a second code segment for displaying an animation on said display.

1           6.     The digital camera of claim 5, wherein said animation is a metaphor  
2 for an irreversible deletion of said image data from said memory.

1           7.     The digital camera of claim 6, wherein said metaphor is a page of said  
2 image data turning into ash.

1           8.     The digital camera of claim 5, wherein said first code segment further  
2 comprises:  
3           a fourth code segment for displaying a number of pages of said image data to  
4           be purged from said memory on said display.

1           9.     The digital camera of claim 5, wherein said first code segment further  
2 comprises:

3           a fifth code segment for displaying a percentage of said memory to be made  
4           available on said display when said image data is purged from said  
5           memory.

1           10.    The digital camera of claim 1, further comprising:  
2 means for communicating image data to a remote appliance.

1           11.    A digital camera, comprising:  
2 capturing means for acquiring image data;  
3 storage means for saving said image data;  
4 processing means in communication with said storage means;  
5 display means in communication with said processing means for exhibiting  
6           said image data; and  
7 program code stored in said storage means and executed by said processing  
8           means, said program code comprising a delete page module for purging  
9           said image data from said storage means.

1           12.    The digital camera of claim 11, wherein said program code further  
2 comprises:  
3           a menu module for displaying valid appliance operations on said display based  
4           on a current state and processing any response thereto.

1           13.    The digital camera of claim 11, wherein said delete page module  
2 comprises:

3           a first code segment for displaying a delete confirmation prompt on said  
4           display.

1           14.    The digital camera of claim 11, wherein said delete page module  
2 comprises:

3           a first code segment for displaying an animation on said display.

1           15.    The digital camera of claim 11, wherein said delete page module  
2 comprises:

3           a first code segment for displaying a delete confirmation prompt on said  
4           display; and  
5           a second code segment for displaying an animation on said display means.

1           16.    The digital camera of claim 15, wherein said first code segment further  
2 comprises:

3           a third code segment for displaying a number of pages of said image data to be  
4           purged from said storage means on said display means; and  
5           a fourth code segment for displaying a percentage of said storage means to be  
6           made available on said display means when said image data is purged  
7           from said storage means.

1           17.    The digital camera of claim 15, wherein said animation is a metaphor  
2 for an irreversible deletion of said image data from said storage means.

1           18.     The digital camera of claim 15, wherein said metaphor is a page of said  
2 image data turning into ash.

1           19.     The digital camera of claim 11, further comprising:  
2 means for communicating image data to a remote appliance.

1           20.     A method for purging image data from a digital camera, comprising the  
2 steps of:

3           capturing image data on a photoelement array in the digital camera;

4           saving the image data in a memory;

5           implementing a processor to communicate with said memory;

6           exhibiting the image data on a display in communication with the processor;

7                     and

8           executing program code stored in said memory by the processor, wherein the

9                     program code operates to purge the image data from the memory.

1           21.     The method of claim 20, further comprising the step of:  
2 displaying an animation on the display corresponding to a delete function.

1           22.     The method of claim 21, further comprising the step of:  
2 displaying a delete confirmation prompt on the display.

1           23.     The method of claim 22, wherein the animation is a metaphor for an  
2 irreversible deletion of the image data from the memory.

1           24.    The method of claim 23, wherein the metaphor is a page of the image  
2 data turning into ash.

1           25.    The method of claim 20, further comprising the step of:  
2 displaying valid appliance operations on the display based on a current state;  
3 and  
4 implementing the processor to process a response to the appliance operations.

1           26.    The method of claim 20, further comprising the step of:  
2 displaying a plurality of pages of said image data to be purged from the  
3 memory on the display.

1           27.    The method of claim 20, further comprising the step of:  
2 displaying a percentage of said memory to be made available on the display  
3 when the image data is purged from said memory.

1           28.    The method of claim 20, further comprising the step of:  
2 communicating image data to a remote appliance.